IS Optical Smoke Detector
SLR-E-IS for Hazardous Areas

- **Conventional technology**
- **Optional connection of remote indicator**
- **Extremely flat design**
- **Function testable with test gas**
- **ATEX certified**

Description

The Intrinsically Safe Optical Smoke Detector SLR-E-IS uses the scattered light principle and was developed for the detection of smoke particles in explosion-prone rooms. The modern design of the sensing chamber allows to reliably evaluate the characteristics of fire.

Conventional technology is used for alarm transmission to the fire detection control panel. In conjunction with the Safety Barrier ES58-2, the detector reaches the given Ex classification. The two LEDs with 360° visibility indicate the activated condition of the detector. By means of an auxiliary module, the connection to an ADM loop is possible.

A detector function test can be conducted by using test gas. The detector is attached to the IS Detector Base YBN-R/4IS.

Specifications

Ignition protection	intrinsically safe
Ex classification	EEx ia IIC T5
Current consumption at 24V	typ. 50µA (quiescent)
Ambient temperature	-10°C to +55°C
Relative humidity	10 – 95% (no condensation)
Dimensions ø × H (incl. base)	100 × 46 (mm)
Colour	cream
Weight	115g
Approval	BAS01ATEX1281 LPCB 164a
Order number	241090
Order name	IS Optical Smoke Detector/Conv. SLR-E-IS

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Detector Base	
Ambient temperature	-10°C to +55°C (no condensation or icing)
Relative humidity	10 – 95% (no condensation)
Dimensions ø × H	100 × 15 (mm)
Colour	white
Weight	45g
Order number	246090
Order name	IS Detector Base/Conv. YBN-R/4IS

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